

THE ABSTRACT

Ever-lite, a non-toxic fire starter is made from a 4x8 piece of pressed wood fiberboard with alum and cornstarch as binders and made from soft wood, preferably a sycamore fiber, with no creosote. It's then cut into 6"x1/2" pieces and dipped into a p-128 (p-2391) paraffin solution at a temperature between 166 and 170 degrees for one second then cooled down.

Ever-Lite burns for approximately 7-10 minutes at 35,000 BTU's. The emissions are non-toxic and are safe around children, food, and animals. It can be lit when wet and stay lit in wind or rain. The stick can be extinguished by depriving it of oxygen.

Ever-Lite has an indefinite shelf life, will not become unstable, nor flare up, spark, secrete resins or pitch. Ever-Lite is expected to meet the SCAQMD COS standards of California as well as rule 1174.